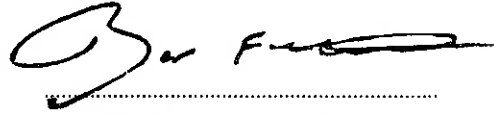


[117H9047]



(Original Signature of Member)

118TH CONGRESS  
1ST SESSION

**H. R.** \_\_\_\_\_

To amend the Food, Conservation, and Energy Act of 2008 to establish  
a precision agriculture loan program, and for other purposes.

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IN THE HOUSE OF REPRESENTATIVES

Mr. FEENSTRA introduced the following bill; which was referred to the  
Committee on \_\_\_\_\_

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**A BILL**

To amend the Food, Conservation, and Energy Act of 2008  
to establish a precision agriculture loan program, and  
for other purposes.

1 *Be it enacted by the Senate and House of Representa-*  
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Precision Agriculture  
5 Loan Program Act of 2023”.

1   **SEC. 2. PRECISION AGRICULTURE LOAN PROGRAM.**

2       Subtitle F of title I of the Food, Conservation, and  
3   Energy Act of 2008 is amended by inserting after section  
4   1614 (7 U.S.C. 8789) the following:

5   **“SEC. 1614A. PRECISION AGRICULTURE LOAN PROGRAM.**

6       “(a) DEFINITIONS.—In this section:

7           “(1) PRECISION AGRICULTURE.—The term  
8       ‘precision agriculture’ means managing, tracking, or  
9       reducing crop or livestock production inputs, includ-  
10      ing seed, feed, fertilizer, chemicals, water, and time,  
11      at a heightened level of spatial and temporal granu-  
12      larity to improve efficiencies, reduce waste, and  
13      maintain environmental quality.

14          “(2) PRECISION AGRICULTURE EQUIPMENT.—  
15       The term ‘precision agriculture equipment’ means  
16       any equipment or technology that directly contrib-  
17       utes to a reduction in, or improved efficiency of, in-  
18       puts used in crop or livestock production, includ-  
19       ing—

20           “(A) Global Positioning System-based or  
21       geospatial mapping;

22           “(B) satellite or aerial imagery;

23           “(C) yield monitors;

24           “(D) soil mapping;

25           “(E) sensors for gathering data on crop,  
26       soil, or livestock conditions;

1           “(F) Internet of Things and telematics  
2           technologies;

3           “(G) data management software and ad-  
4           vanced analytics;

5           “(H) network connectivity products and  
6           solutions;

7           “(I) Global Positioning System guidance or  
8           auto-steer systems;

9           “(J) variable rate technology for applying  
10          inputs, such as section control; and

11          “(K) any other technology, as determined  
12          by the Secretary, that leads to a reduction in,  
13          or improves efficiency of, crop and livestock  
14          production inputs, which may include seed,  
15          feed, fertilizer, chemicals, water, and time.

16       “(b) PROGRAM.—As soon as practicable after the  
17       date of enactment of this section, the Secretary shall es-  
18       tablish a precision agriculture loan program to encourage  
19       the adoption of precision agriculture by providing funds  
20       to producers engaged in livestock or crop production for  
21       the purchase of precision agriculture equipment.

22       “(c) ADMINISTRATION.—The precision agriculture  
23       loan program under this section shall be administered by  
24       the Secretary, acting through the Deputy Administrator  
25       for Farm Programs of the Farm Service Agency.

1       “(d) ELIGIBLE PRODUCERS.—A precision agriculture  
2 loan under this section shall be made available to any pro-  
3 ducer described in subsection (b) that, as determined by  
4 the Secretary—

5           “(1) has a satisfactory credit history;

6           “(2) will use the loan funds to purchase preci-  
7 sion agriculture equipment; and

8           “(3) demonstrates an ability to repay the loan.

9       “(e) TERM OF LOANS.—A precision agriculture loan  
10 under this section shall have a maximum term of 12 years.

11       “(f) LOAN AMOUNT.—The maximum aggregate loan  
12 amount of a precision agriculture loan under this section  
13 shall be \$500,000.

14       “(g) LOAN SECURITY.—Approval of a precision agri-  
15 culture loan under this section shall require the borrower  
16 to provide loan security to the Secretary, in the form of—

17           “(1) a lien on the precision agriculture equip-  
18 ment being purchased; or

19           “(2) such other security as is acceptable to the  
20 Secretary.

21       “(h) REPORTING.—

22           “(1) DEFINITION OF RECIPIENT PRODUCER.—

23       In this subsection, the term ‘recipient producer’  
24 means an eligible producer described in subsection  
25 (d) that received a precision agriculture loan under

1       this section during the fiscal year covered by the ap-  
2       plicable report prepared under paragraph (2).

3           “(2) PREPARATION OF REPORT.—For each fis-  
4       cal year, the Secretary shall prepare a report that  
5       includes—

6           “(A) aggregate data based on a review of  
7       each outstanding loan made by the Secretary  
8       under this section; and

9           “(B) a description of—

10          “(i) for the United States and for  
11       each State and county (or equivalent juris-  
12       diction) in the United States—

13          “(I) the age of each recipient  
14       producer;

15          “(II) the duration during which  
16       each recipient producer has engaged  
17       in agricultural production;

18          “(III) the size of the farm or  
19       ranch of each recipient producer;

20          “(IV) the total amount provided  
21       as loans under this section for each  
22       category of equipment or technology  
23       described in subparagraphs (A)  
24       through (K) of subsection (a)(2) dur-

1 ing the fiscal year covered by the re-  
2 port; and

3 “(V) the estimated input reduced  
4 or environmental benefits received per  
5 category of equipment or technology  
6 described in those subparagraphs with  
7 respect to which a loan was provided  
8 under this section during the fiscal  
9 year covered by the report or any  
10 prior fiscal year, including the esti-  
11 mated input reduced or environmental  
12 benefits received per category—

13 “(aa) during the fiscal year  
14 covered by the report with re-  
15 spect to—

16 “(AA) loans provided  
17 under this section during  
18 that fiscal year; and

19 “(BB) loans provided  
20 under this section during  
21 that fiscal year or any prior  
22 fiscal year; and

23 “(bb) in the aggregate with  
24 respect to all loans provided  
25 under this section during or prior

1 to the fiscal year covered by the  
2 report;

3 “(VI) the race, ethnicity, and  
4 gender of each recipient producer;

5 “(VII) the 1 or more agricultural  
6 commodities or types of enterprise for  
7 which each loan provided under this  
8 section during the fiscal year was pro-  
9 vided;

10 “(VIII) the amount of each loan  
11 provided under this section during the  
12 fiscal year; and

13 “(IX) the default rate of the  
14 loans made under this section dur-  
15 ing—

16 “(aa) the fiscal year covered  
17 by the report;

18 “(bb) each preceding fiscal  
19 year; and

20 “(cc) in the aggregate with  
21 respect to all loans provided  
22 under this section during or prior  
23 to the fiscal year covered by the  
24 report; and

1                   “(ii) for each State and county (or  
2                   equivalent jurisdiction) in the United  
3                   States, the number of outstanding loans  
4                   made under this section, according to the  
5                   loan size cohort.

6                   “(3) SUBMISSION OF REPORT.—The Secretary  
7                   shall—

8                   “(A) not later than 1 year after the date  
9                   of enactment of this Act, and annually there-  
10                  after, submit the report described in paragraph  
11                  (2) to—

12                  “(i) the Committee on Agriculture,  
13                  Nutrition, and Forestry of the Senate;

14                  “(ii) the Committee on Appropriations  
15                  of the Senate;

16                  “(iii) the Committee on Agriculture of  
17                  the House of Representatives; and

18                  “(iv) the Committee on Appropria-  
19                  tions of the House of Representatives; and

20                  “(B) not later than 90 days after the date  
21                  on which the report is submitted under sub-  
22                  paragraph (A), make the report publicly avail-  
23                  able.



1       “(i) AUTHORIZATION OF APPROPRIATIONS.—There  
2 are authorized to be appropriated to the Secretary such  
3 sums as are necessary to carry out this section.”.

